

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (Currently Amended) A communication system comprising:

a first microcomputer having a communication function for outputting a data signal including data frames, each including a plurality of data bits and having a data time  $T_d$  and a transmission period  $T_p$ ; and

a second microcomputer for receiving said data signal, sequentially storing said data frames in a memory, and reading and processing said data frames by timing pulses, wherein said data time  $T_d$  and said transmission period  $T_p$  have a relation of  $T_d < T_p/2$ , and the transmission period  $T_p$  is substantially equal to  $T_r/2$ , where  $T_r$  is a timing pulse period of the timing pulses.

**2. (Canceled)**

3. (Currently Amended) The communication system according to claim 1, wherein the relation between the transmission period  $T_p$  and ~~[[a]]~~ the timing pulse period  $T_r$  of the timing pulses is set in such a manner that at least a piece of data readable from the memory is included in a period between a timing pulse and a next timing pulse.

**4. (Canceled)**